M3T-FLX-DCT613

Converter for Connecting Flexible Board FLX100 to M3T-DIRECT80S

User's Manual

Keep safety first in your circuit designs!

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CAUTION	If the requirements shown in the "CAUTION" sentences are ignored, the equipment may cause personal injury or damage to the products.

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1. Description

This converter connects an emulation pod for the M16C/60 Series to the connector provided at the top of the direct dummy IC, M3T-DIRECT80S.

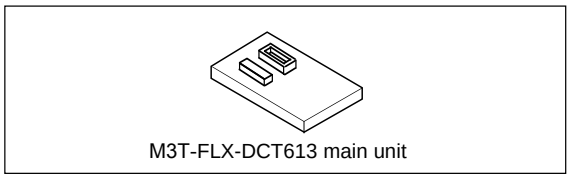


Figure 1 Package components of M3T-FLX-DCT613

2. Package Components (see Figure 1)

(1) M3T-FLX-DCT613 conversion board

(2) M3T-FLX-DCT613 Instruction Manual (this manual)

3. Specifications

Table 1 Specifications

Item	Description
Applicable MCU	M16C/60, 61 Series
Package	80P6S-A (80-pin 0.65mm-pitch QFP)
Insertion/removal iterations of connector	20 times guaranteed

4. Application (see Figure 2)

Use this converter when you have M3T-DIRECT80S (used for 80-pin 0.65mm-pitch QFP) mounted on the target system and want to connect an emulation pod for the M16C/60 Series to the target system.

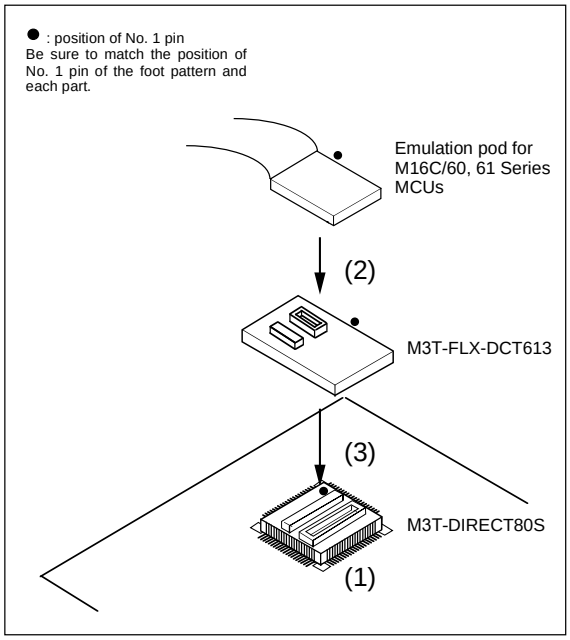
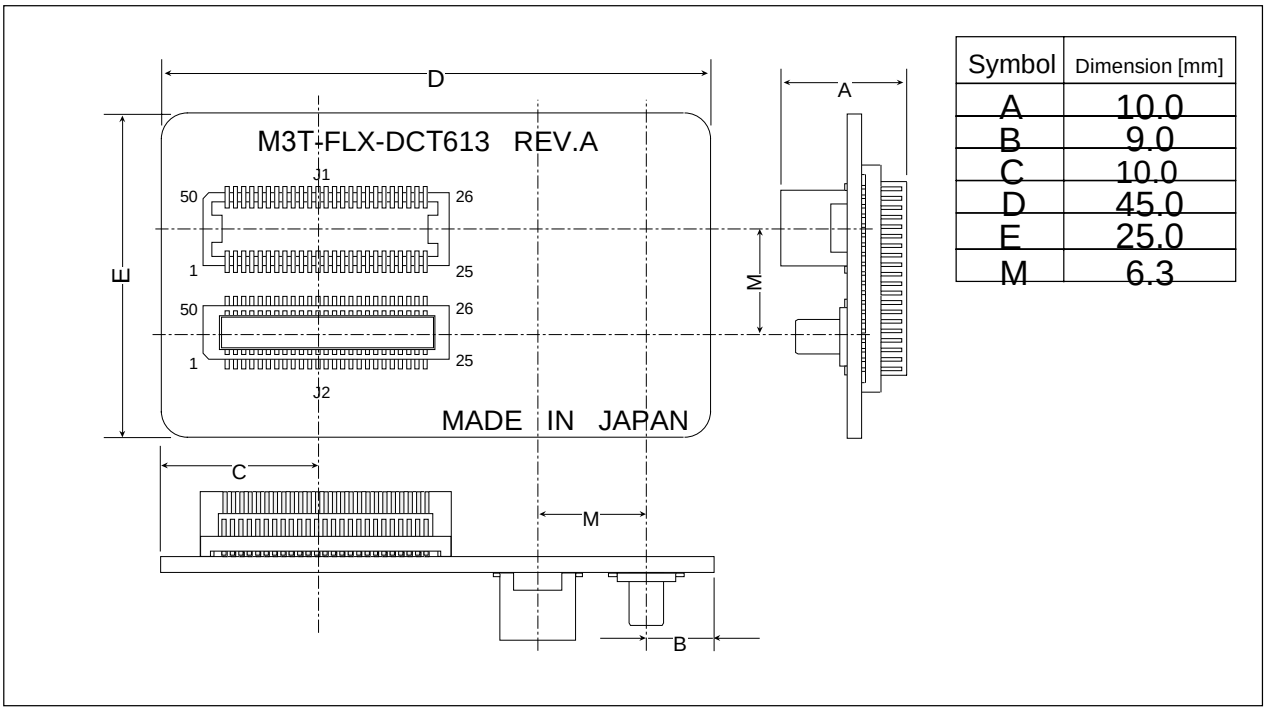

● : position of No. 1 pin
Be sure to match the position of No. 1 pin of the foot pattern and each part.
Emulation pod for M16C/60, 61 Series MCUs
(2)
M3T-FLX-DCT613
(3)
M3T-DIRECT80S
(1)

Figure 2 Usage of M3T-FLX-DCT613

5. Connection Procedure (see Figure 2)

(1) Mount the M3T-DIRECT80S to the target system.
(2) Connect the M3T-FLX-DCT613 and the emulation pod for M16C/60, 61 series MCUs.
(3) Connect the M3T-DIRECT80S and the M3T-FLX-DCT613.

6. External Dimensions of M3T-FLX-DCT613



Symbol	Dimension [mm]
A	10.0
B	9.0
C	10.0
D	45.0
E	25.0
M	6.3

Figure 3 External dimensions of M3T-FLX-DCT613

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7. Precautions

⚠CAUTION

Cautions To Be Taken for This Product:

- We cannot accept any request for repair.
- For inquiries about the product or the contents of this manual, contact your local distributor. office or distributor.
  Renesas Tools Homepage http://www.renesas.com/en/tools

8. Correspondence of Connectors J1, J2, J3 and J4

Table 2 lists the correspondence of connectors J1, J2, J3 and J4.

Table 2 Correspondence of connectors J1, J2, J3 and J4

J1, J2 connector pin No.	J3, J4 connector pin No.	J1, J2 connector pin No.	J3, J4 connector pin No.	J1, J2 connector pin No.	J3, J4 connector pin No.	J1, J2 connector pin No.	J3, J4 connector pin No.
J1-1	NC	J1-26	J3-30	J2-1	J4-4	J2-26	J4-24
J1-2	NC	J1-27	J3-31	J2-2	J4-6	J2-27	J4-26
J1-3	NC	J1-28	J3-32	J2-3	NC	J2-28	J4-27
J1-4	J3-48	J1-29	J3-33	J2-4	J4-7	J2-29	J4-28
J1-5	J3-49	J1-30	J3-34	J2-5	J4-8	J2-30	J4-29
J1-6	J3-50	J1-31	J3-35	J2-6	J4-8	J2-31	J4-30
J1-7	J3-1	J1-32	J3-36	J2-7	J4-9	J2-32	J4-31
J1-8	J3-2	J1-33	J3-37	J2-8	J4-10	J2-33	J4-32
J1-9	J3-3	J1-34	J3-38	J2-9	J4-11	J2-34	J4-33
J1-10	J3-4	J1-35	J4-15	J2-10	J4-12	J2-35	J3-18
J1-11	J3-5	J1-36	J3-39	J2-11	J4-13	J2-36	J3-19
J1-12	J3-6	J1-37	NC	J2-12	J4-14	J2-37	J3-20
J1-13	J3-7	J1-38	J3-40	J2-13	J4-15	J2-38	J3-8
J1-14	J3-21	J1-39	J3-41	J2-14	J4-16	J2-39	J4-43
J1-15	J3-22	J1-40	J3-42	J2-15	J4-17	J2-40	J4-44
J1-16	J3-23	J1-41	J3-43	J2-16	J4-18	J2-41	J4-45
J1-17	J3-24	J1-42	J3-44	J2-17	J4-19	J2-42	J4-46
J1-18	J3-25	J1-43	J3-45	J2-18	J4-20	J2-43	J4-47
J1-19	J3-27	J1-44	J3-46	J2-19	J4-21	J2-44	J4-48
J1-20	NC	J1-45	J3-47	J2-20	J4-22	J2-45	J4-49
J1-21	NC	J1-46	NC	J2-21	J4-23	J2-46	J4-50
J1-22	NC	J1-47	NC	J2-22	NC	J2-47	J4-1
J1-23	NC	J1-48	NC	J2-23	NC	J2-48	J4-2
J1-24	J3-28	J1-49	NC	J2-24	NC	J2-49	J4-5
J1-25	J3-29	J1-50	NC	J2-25	NC	J2-50	J4-3

(NC: not connected)